



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Krupp, *et al.*

Application No.: 09/920,427

Filed: August 1, 2001

For: **Eddy Current Sensor Capable of  
Sensing Through a Conductive  
Barrier**

Art Unit: 2862

Examiner: Patidar, Jay M.

Atty. Docket: 02708.0180.NPUS01

Confirmation No.: 5909

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO/SB/08a are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO/SB/08a based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited

by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

- ☐ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date; before the mailing date of a first Office Action on the merits OR before the mailing date of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114. No statement under 37 C.F.R. § 1.97(e) or fee is required, or
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance, or action that otherwise closes prosecution in the application, and
- ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1), or
- ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2), or
- ☐ c. Attached is our Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p).
- ☒ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but on or before payment of the Issue Fee OR before the mailing date of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114. No statement under 37 C.F.R. § 1.97(e) or fee is required, or
- ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1), or
- ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a

counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

- ☐ 4. Relevance of the non-English language document(s) is discussed in the present specification.
- ☐ 5. The document(s) was/were cited in a corresponding International Patent Application \_\_\_\_\_. An English language version of the International Search Report (ISR) is attached for the Examiner's information.
- ☐ 6. The relevance of the non-English language document is apparent from the enclosed translation:
- ☐ 7. The Examiner's attention is directed to co-pending U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.
- ☐ 8. Copies of U.S. patents and published applications are not attached since the application was filed after June 30, 2003. USPTO OG Notices - August 5, 2003.

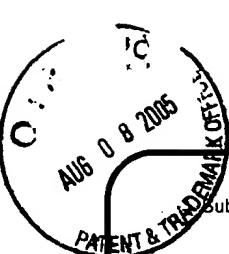
It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing the above-docket number.

Respectfully submitted,

  
Michael J. Bell (Reg. No. 39,604)

Date: **August 8, 2005**  
HOWREY SIMON ARNOLD & WHITE, LLP  
Box 7  
2941 Fairview Park Drive  
Falls Church, VA 22042  
(202) 783-0800



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/920,427
Filing Date	August 1, 2001
First Named Inventor	Roy S. Krupp
Art Unit	2862
Examiner Name	Patidar, Jay M.
Attorney Docket Number	02708.00180.NPUS01

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	us-3,936,734	02-03-1976	Brandli et al.	
	2	us-4,095,469	06-20-1978	Yamada et al	
	3	us-4,173,869	11-13-1979	Martin, Jr. et al.	
	4	us-4,408,294	10-04-1983	Imam	
	5	us-4,460,869	07-17-1984	Buser et al.	
	6	us-4,468,968	09-04-1984	Kee	
	7	us-4,821,204	04-11-1989	Huschelrath	
	8	us-4,970,670	11-13-1990	Twerdochlib	
	9	us-4,987,555	01-22-1991	Twerdochlib	
	10	us-5,140,264	08-18-1992	Metala et al.	
	11	us-5,206,816	04-27-1993	Hill et al.	
	12	us-5,226,731	07-13-1993	Allen	
	13	us-5,258,923	11-02-1993	Imam et al.	
	14	us-5,371,462	12-06-1994	Hedengren et al.	
	15	us-5,502,999	04-02-1996	Seberger et al.	
	16	us-5,596,271	01-21-1997	Lowery	
	17	us-5,698,977	12-16-1997	Simpson et al.	
	18	us-5,808,202	09-15-1998	Passarelli, Jr.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

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		Number-Kind Code <sup>2</sup> (if known)			
	19	us-6,094,989	08-01-2000	Twerdochlib	
	20	us-6,346,807	02-12-2002	Slates	
	21	us-6,594,619	07-15-2003	von Flotow	
	22	us-6,657,429	12-02-2003	Goldfine et al.	
	23	us-6,661,222	12-09-2003	Twerdochlib	
	24	us-6,664,782	12-16-2003	Slates	
	25	us-6,785,635	08-31-2004	von Flotow	
	26	us-6,692,222	02-17-2004	Prinz	
	27	us-2002/0019708 A1	02-14-2002	Pross	
	28	us-2003/0060986 A1	03-27-2003	Flotow	
	29	us-2003/0071615 A1	04-17-2003	Schlicker et al.	
	30	us-2004/0066188 A1	04-08-2004	Goldfine et al.	
	31	us-6,629,463	10-07-2003	Naudet, et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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